

ENGINEER MODE

Surface Mount PCB

Software Version SM02 onwards
(6GM Brewers fitted with a coin validator must have SM02 software onwards fitted)

Software Version (SMXX).
Country & Brew Cycle Version (GBXX).

Error log (last 15 faults recorded)

Display capsule code when brewing

Display brew cycle info. when brewing

Program soft water compensation level

Dry brew capsule (no brew cycles selected)

Diagnostic tests

Adjust tank temperature

Coin validator

Note: F9 is only visible when lower probe is disconnected (or tank is empty). 0 = no coin mech. 1 = coin mech. Use F9 if disconnecting validator. Press RESET to change state

READY
Go Back To F1

Hold PROG & RESET then power-up machine

F1 ==> SMXX GBXX

Press Prog

F2 ==>

Reset

Error 01 = XXX

Reset x 14

Error 15 = XXX

Press Prog

N Reset? Y

Press Prog

F3 ==> 0

Reset

F3 ==> 1

Press Prog

F4 ==> 0

Reset

F4 ==> 1

Press Prog

F5 ==> 0

Reset

F5 ==> 9

Press Prog

F6 ==> 0

Reset

F6 ==> 1

Press Prog

F7 ==>

Reset

Press Prog

F8 ==> 95

Press Prog

F9 ==> 0

Press Prog

N = F1 = Y

Press Prog

Press Reset

RESET = clear error log

Display enabling user to clear or reset all error log entries to zero. Pressing RESET again will confirm clearance, pressing PROG will preserve contents

Capsule code will be displayed when capsule entered in normal mode. Power down machine to cancel.

Brew cycle will be displayed when capsule entered in normal mode. Power down machine to cancel.

No water will be pumped when capsule entered in normal mode. Power down machine to cancel.

No water will be pumped when capsule entered in normal mode. Power down machine to cancel.

Warning: Disconnect pump head before running this test or brewmech will flood.

Pump Test
Pump makes a single revolution each time RESET is pressed (15 different speeds starting at speed one)

Brewmech Test (fast)
Brewmech makes a revolution at fast speed to the 'home' position each time RESET is pressed

Brewmech Test (slow)
Brewmech moves at a very slow speed when RESET is held down. Half-effect sensor states are shown dynamically on display

Air Valve Test
Press RESET to energise valve

Inlet Valve Test
Press RESET to energise valve (Caution: tank may overflow)

Not Currently Used

Water Tank Heating
Monitor the temp. set point; actual temp. (in brackets) and heater LED shown on the display (1=on, 0=off)

Water Probes test
Monitor the top, bottom and spill probes on the display

[D1] 00

Reset x15

[D1] 15

[D2]

Reset

[D2]

[D3] 1101011

Reset

[D3] 1101011

[D4] = 0

Reset

[D4] = 1

[D5] = 0

Reset

[D5] = 1

[D6] = 0

[D7] 095 (089) 1

[D8] T(1)B(1)S(0)